

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In the Claims:

Please cancel all previously pending claims (claims 1, 7, 9, 11, 16, 19, 21, 32, 33, 40, 44, 51, 55, 56, 58, 62, 68, 69, and 77).

Please add the following new claims 86-91:

86 (New). A sulfatase-producing cell wherein the ratio of active sulfatase to total sulfatase produced by the cell is increased, the cell comprising:

- (i) a sulfatase with an increased expression, and
- (ii) a Formylglycine Generating Enzyme with an increased expression,

wherein the ratio of active sulfatase to total sulfatase produced by the cell is increased by at least 5% over the ratio of active sulfatase to total sulfatase produced by the cell in the absence of the Formylglycine Generating Enzyme.

87 (New). The sulfatase-producing cell of claim 86, wherein the ratio of active sulfatase to total sulfatase produced by the cell is increased by at least 10% over the ratio of active sulfatase to total sulfatase produced by the cell in the absence of the Formylglycine Generating Enzyme.

88 (New). The sulfatase-producing cell of claim 86, wherein the ratio of active sulfatase to total sulfatase produced by the cell is increased by at least 20% over the ratio of active sulfatase to total sulfatase produced by the cell in the absence of the Formylglycine Generating Enzyme.

89 (New). The sulfatase-producing cell of claim 86, wherein the ratio of active sulfatase to total sulfatase produced by the cell is increased by at least 50% over the ratio of active sulfatase to total sulfatase produced by the cell in the absence of the Formylglycine Generating Enzyme.

90 (New). The sulfatase-producing cell of claim 86, wherein the ratio of active sulfatase to total sulfatase produced by the cell is increased by at least 100% over the ratio of active sulfatase to total sulfatase produced by the cell in the absence of the Formylglycine Generating Enzyme.